

# INNOVATIVE ENERGY MANAGEMENT WORKSHOP

July 22, 2008

EPA Cave, 8600 NE Underground Drive, Pillar 253, Door 32, Kansas City, Missouri

## **Objectives:**

- 1) Meet and learn from peers about their efforts to improve energy management using a Plan-Do-Check-Act approach
- 2) Learn how the steps and tools in the “Energy Management Guide” can be applied to challenges utilities are facing
- 3) Become familiar with EPA and State tools and resources to support energy improvements
- 4) Take information, experiences, tools and resources and turn into actions to improve energy management
- 5) Gain interest from utilities in follow-up assistance from EPA and states after the workshop, consistent with overall project goals in the “Energy Management Guidebook” and overall project goals

## **AGENDA**

8:30 – 8:45 AM	<b>Refreshments and informal networking</b>
8:45 – 9:15	<b>Welcome and Introductions</b> <i>EPA Region 7 Representative</i> <i>MDNR Representative (invited)</i> <i>James Horne, EPA Office of Water, Washington, D.C</i> <i>Kerry Herndon, EPA Region 7 Sustainable Infrastructure Coordinator.</i>
9:15 – 9:45	<b>What energy challenges do we face today?</b> <b>What have water and wastewater utilities already done?</b> <b>What’s missing?</b>
9:45 – 10:15	<b>Developing an energy management program using the P-D-C-A approach</b> Hands on exercises
10:15 – 10:30	<b>Break</b>
10:30 – 11:15	<b>What’s the ‘Plan-Do-Check-Act’ approach and how are utilities using it effectively?</b> An introduction to management systems with experiences from practitioners
11:15 – 12:00 PM	<b>How much energy do we use and where do we use it?</b> <b>How do we find opportunities for better energy management?</b> Collecting baseline information through Energy Star Benchmarking Tool and Energy Audits
12:00 – 12:10	<b>Overview of a successful energy reduction initiative at a water treatment facility –</b> speaker TBD
12:10 – 1:10	<b>Lunch</b> —Provided
1:10 – 1:40	<b>What should we work on first?</b> Identifying priorities
1:40 – 2:10	<b>What goals should we set?</b> Setting performance improvement objectives and targets
2:10 – 2:45	<b>How do we move to action?</b> Turning plans into actions
2:45 – 3:00	<b>Break</b>
3:00 – 3:20	<b>Using the Energy Management Guidebook</b> (A copy will be provided to each workshop participant)
3:20 – 3:45	<b>What’s Next?</b> EPA and State resources to help utilities improve energy management
3:45 – 4:00	<b>Wrap up, evaluations, adjourn</b>